

To go to higher mass

	NEMO-3	SuperNEMO
Mass	7 kg	100 kg
Isotopes	^{100}Mo	^{82}Se
	7 isotopes	^{150}Nd , ^{48}Ca
Foil density	60 mg/cm ²	40 mg/cm ²
Energy resolution (σ FWHM)		
@ 1 MeV	6.3 15 %	3.0 7 %
@ 3 MeV	3.4 8 %	1.7 4 %
Radon in tracker		
$\mathcal{A}(^{222}\text{Rn})$	$\sim 5.0 \text{ mBq/m}^3$	$\sim 0.15 \text{ mBq/m}^3$
Sources contaminations		
$\mathcal{A}(^{208}\text{Tl})$	$\sim 100 \mu\text{Bq/kg}$	$< 2 \mu\text{Bq/kg}$
$\mathcal{A}(^{214}\text{Bi})$	60 - 300 $\mu\text{Bq/kg}$	$< 10 \mu\text{Bq/kg}$
Detector		
tracking cells	6180	20×2034
calo blocks	1940	20×712
Sensitivity (90 % CL)		
$\mathcal{T}_{1/2}^{0\nu}$	$> 1.1 \cdot 10^{24} \text{ y}$	$> 1 \cdot 10^{26} \text{ y}$
$ m_{\beta\beta} $	$< 0.3 - 0.8 \text{ eV}$	$< 40 - 100 \text{ meV}$